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[redacted]

OSR - 1573
Copy 5 of 6

16 March 1962

MEMORANDUM FOR : Assistant Chief, DFD-DD/P

SUBJECT : Radar Tracking of HEXCOUNTER Parts

In discussions with Mr. [redacted] and [redacted] it was learned that space tracking radar has been used to track camera doors and other parts of the HEXCOUNTER vehicle. The camera doors are presently ejected after orbit is obtained. These doors vary in size from about 6" by 8" to 10" by 20" very roughly. Comments have been heard through the "cable" side of HEXCOUNTER that our vehicle is going apart. SSD has been investigating this problem from a security standpoint, but more important is the ability of existing space track radars to detect objects this small at altitudes above 100 miles. I do not have any specific data on types of radar accomplishing this task but I am attempting to obtain this from SSD. I do not think this is too surprising when each one of these doors probably makes a perfect corner reflector for radar.

SIGNED

[redacted]
Major USAF

Distribution:
2-[redacted] CH/DFD
3-DD/DFD
4-SSD/DFD
5-XX/DFD
6-DD/DFD/Chrono
DFD/DD/[redacted]

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